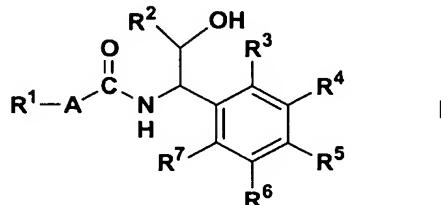


What is claimed is:

1. A compound of Formula I or a pharmaceutically acceptable salt thereof



5

wherein

R<sup>1</sup> is selected from the group consisting of pyridinyl, 3-quinolinyl, 2-thienyl, furanyl, C<sub>3-6</sub> cycloalkyl and phenyl optionally substituted with substituent independently selected from the group consisting of halogen, C<sub>1-4</sub> alkyl,

10 C<sub>1-4</sub> alkoxy, trifluoromethyl, trifluoromethoxy and nitro;

A is -CH=CH- or -(CH<sub>2</sub>)<sub>n</sub>-;

R<sup>2</sup> is hydrogen or hydroxymethyl;

n is an integer of 0, 1 or 2;

R<sup>4</sup> is selected from the group consisting of di(C<sub>1-4</sub> alkyl)amino, trifluoromethoxy

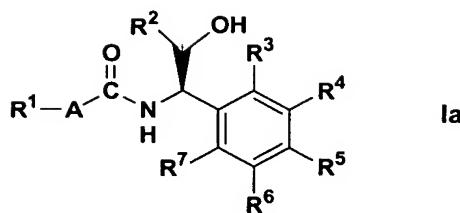
15 and optionally substituted morpholin-4-yl, morpholin-4-ylmethyl, pyridinyl, pyrimidinyl, piperazinyl, and pyrazinyl with one or two substituents in which said substituent is independently selected from the group consisting of C<sub>1-4</sub> alkyl, aminomethyl, hydroxymethyl, chloro or fluoro;

20 R<sup>5</sup> is hydrogen or fluoro; or R<sup>4</sup> and R<sup>5</sup> taken together is -CH=CH-CH=CH- optionally substituted with a substituent independently selected from the group consisting of C<sub>1-4</sub> alkyl, C<sub>1-4</sub> alkoxy, trifluoromethyl and trifluoromethoxy; and

R<sup>3</sup>, R<sup>6</sup>, and R<sup>7</sup> are each independently hydrogen or fluoro.

25

2. The compound of claim 1 having the Formula Ia or a pharmaceutically acceptable salt thereof



wherein

R<sup>1</sup> is selected from the group consisting of pyridinyl, 3-quinolinyl, 2-thienyl, furanyl, C<sub>3-6</sub> cycloalkyl and phenyl optionally substituted with substituent  
5 independently selected from the group consisting of halogen, C<sub>1-4</sub> alkyl, C<sub>1-4</sub> alkoxy, trifluoromethyl, trifluoromethoxy and nitro;

A is -CH=CH- or -(CH<sub>2</sub>)<sub>n</sub>-;

R<sup>2</sup> is hydrogen;

n is an integer of 0, 1 or 2;

10 R<sup>4</sup> is selected from the group consisting of di(C<sub>1-4</sub> alkyl)amino, trifluoromethoxy and optionally substituted morpholin-4-yl, morpholin-4-ylmethyl, pyridinyl, pyrimidinyl, piperazinyl, and pyrazinyl with one or two substituents in which said substituent is independently selected from the group consisting of C<sub>1-4</sub> alkyl, aminomethyl, hydroxymethyl, chloro or  
15 fluoro;

R<sup>5</sup> is hydrogen or fluoro; or R<sup>4</sup> and R<sup>5</sup> taken together is -CH=CH-CH=CH- optionally substituted with a substituent independently selected from the group consisting of C<sub>1-4</sub> alkyl, C<sub>1-4</sub> alkoxy, trifluoromethyl and trifluoromethoxy; and

20 R<sup>3</sup>, R<sup>6</sup>, and R<sup>7</sup> are each independently hydrogen or fluoro.

3. The compound of claim 1 selected from the group consisting of:  
(R)- N-[2-hydroxy-1-(3-morpholin-4-yl-phenyl)-ethyl]-3-phenyl-propionamide;  
(R)- 3-(2-fluoro-phenyl)-N-[2-hydroxy-1-(3-morpholin-4-yl-phenyl)-ethyl]-  
25 acrylamide;  
(R)- 3-(3-fluoro-phenyl)-N-[2-hydroxy-1-(3-morpholin-4-yl-phenyl)-ethyl]-acrylamide;

(*R*)- 3-(2,4-difluoro-phenyl)-N-[2-hydroxy-1-(3-morpholin-4-yl-phenyl)-ethyl]-acrylamide;

(*R*)- N-[1-(4-fluoro-3-morpholin-4-yl-phenyl)-2-hydroxy-ethyl]-3-(2-fluoro-phenyl)-acrylamide;

5    (*R*)- N-[1-(4-fluoro-3-morpholin-4-yl-phenyl)-2-hydroxy-ethyl]-3-(3-fluoro-phenyl)-acrylamide;

    (*R*)- N-[1-(4-fluoro-3-morpholin-4-yl-phenyl)-2-hydroxy-ethyl]-3-(4-fluoro-phenyl)-acrylamide;

    (*R*)- 3-(2,4-difluoro-phenyl)-N-[1-(4-fluoro-3-morpholin-4-yl-phenyl)-2-hydroxy-ethyl]-acrylamide;

10    (*R*)- 3-(3-fluoro-phenyl)-N-(2-hydroxy-1-naphthalen-2-yl-ethyl)-acrylamide;

    (*R*)- 3-(4-fluoro-phenyl)-N-(2-hydroxy-1-naphthalen-2-yl-ethyl)-acrylamide;

    (*R*)- 3-(2,4-difluoro-phenyl)-N-(2-hydroxy-1-naphthalen-2-yl-ethyl)-acrylamide;

    (*R*)- 3-(3,4-difluoro-phenyl)-N-(2-hydroxy-1-naphthalen-2-yl-ethyl)-acrylamide;

15    (*R*)-4-fluoro-N-(2-hydroxy-1-naphthalen-2-yl-ethyl)-benzamide;

    (*R*)-2,3-difluoro-N-(2-hydroxy-1-naphthalen-2-yl-ethyl)-benzamide;

    (*R*)-2,4-difluoro-N-(2-hydroxy-1-naphthalen-2-yl-ethyl)-benzamide;

    (*R*)-3,4-difluoro-N-(2-hydroxy-1-naphthalen-2-yl-ethyl)-benzamide;

    (*R*)-2-(2,4-difluoro-phenyl)-N-(2-hydroxy-1-naphthalen-2-yl-ethyl)-acetamide;

20    (*R*)-3-(2-fluoro-phenyl)-N-(2-hydroxy-1-naphthalen-2-yl-ethyl)-propionamide;

    (*R*)-3-(3-fluoro-phenyl)-N-(2-hydroxy-1-naphthalen-2-yl-ethyl)-propionamide;

    (*R*)-3-(4-fluoro-phenyl)-N-(2-hydroxy-1-naphthalen-2-yl-ethyl)-propionamide;

    (*R*)-3-(2,4-difluoro-phenyl)-N-(2-hydroxy-1-naphthalen-2-yl-ethyl)-propionamide;

25    (*R*)- 3-(2-fluoro-phenyl)-N-[2-hydroxy-1-(7-methoxy-naphthalen-2-yl)-ethyl]-acrylamide;

    (*R*)- 3-(3-fluoro-phenyl)-N-[2-hydroxy-1-(7-methoxy-naphthalen-2-yl)-ethyl]-acrylamide;

    (*R*)- 3-(4-fluoro-phenyl)-N-[2-hydroxy-1-(7-methoxy-naphthalen-2-yl)-ethyl]-acrylamide;

30    (*R*)- 3-(2,4-difluoro-phenyl)-N-[2-hydroxy-1-(7-methoxy-naphthalen-2-yl)-ethyl]-acrylamide;

(1*R*,2*S*)- N-(2,3-dihydroxy-1-naphthalen-2-yl-propyl)-3-(2-fluoro-phenyl)-acrylamide;

(1*R*,2*S*)- 3-(2,4-difluoro-phenyl)-N-(2,3-dihydroxy-1-naphthalen-2-yl-propyl)-acrylamide;

5 (1*R*,2*S*)- 3-(3,4-difluoro-phenyl)-N-(2,3-dihydroxy-1-naphthalen-2-yl-propyl)-acrylamide; and

(1*R*,2*S*)- 3-(3,5-difluoro-phenyl)-N-(2,3-dihydroxy-1-naphthalen-2-yl-propyl)-acrylamide;

or a pharmaceutically acceptable salt thereof.

10 4. A pharmaceutical composition for the treatment of disorders responsive to opening of KCNQ potassium channels comprising a therapeutically effective amount of the compound of claim 1 in association with a pharmaceutically acceptable carrier, adjuvant or diluent.

15 5. A method for the treatment of disorders responsive to opening of the KCNQ potassium channels in a mammal in need thereof, which comprises administering to said mammal a therapeutically effective amount of the compound of claim 1.

20 6. The method of claims 5 wherein said disorders are acute and chronic pain, migraine, neuropathic pain, bipolar disorders, convulsions, mania, epilepsy, anxiety, depression and neurodegenerative disorders.

25 7 The method of claim 6 wherein said disorder is migraine.

8. The method of claim 6 wherein said disorder is neuropathic pain.